AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double brackets indicating deletions.

LISTING OF CLAIMS

1. (Currently Amended) An optical disc ~~A~~ recording medium ~~having~~ comprising a data structure for managing random/shuffle reproduction of video data recorded on the recording medium, ~~comprising:~~ the data structure including:

at least one title management information file;

a playlist directory area storing at least one playlist including at least one playitem; and

a stream directory area storing at least one clip containing video data associated with the playlist,

wherein the title management information file includes at least one segment that is associated with at least one playlist in the playlist directory area;

each playitem in the playlist is a unit to be randomized or shuffled during random/shuffle reproduction mode; and

the title management information file is located in a given directory area different from the playlist directory area.

2. (Previously Presented) A recording medium set forth in claim 1, wherein a title managed by the title management information file is a logical unit of video data that is regarded as a reproduction unit by users.

3. (Previously Presented) A recording medium set forth in claim 1, wherein the title management information file includes information on branch points at which reproduction path is divided during reproduction.

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4. (Original) A recording medium set forth in claim 3, wherein the branch point information has segments, each segment being assigned to each reproduction path.

5. (Original) A recording medium set forth in claim 4, wherein the segments assigned to the different reproduction paths are associated with a plurality of distinct playlists.

6. (Original) A recording medium set forth in claim 5, wherein the plurality of distinct playlists are associated with distinct clips or disjoint intervals of one clip.

7. (Original) A recording medium set forth in claim 1, wherein a random/shuffle reproduction block is designated by at least one playlist.

8. (Original) A recording medium set forth in claim 7, wherein one playlist that is designated as a random/shuffle reproduction block includes a plurality of playitems.

9. (Previously Presented) A recording medium set forth in claim 1, wherein information on the random/shuffle reproduction block is stored in the title management information file.

10. (Original) A recording medium set forth in claim 1, wherein information on the random/shuffle reproduction block is stored in the playlist.

11. (Original) A recording medium set forth in claim 1, wherein the playitem is associated with a whole clip or a portion of clip based on clip information stored in a clip information directory area.

12. (Currently Amended) A method for recording a data structure for managing random/shuffle reproduction of video data on a-an optical disc recording medium, comprising the steps of: the method comprising:

recording at least one title management information file on the recording medium;

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recording at least one playlist including at least one playitem in a playlist directory area on the recording medium; and

recording at least one clip associated with the playlist in a stream directory area on the recording medium, such ~~that:~~ that

_____the title management information file includes at least one segment that is associated with at least one playlist in the playlist directory ~~area;~~ area,

each playitem in the playlist is a unit to be randomized or shuffled during random/shuffle reproduction ~~mode;~~ mode, and

the title management information file is located in a given directory area different from the playlist directory area.

13. (Currently Amended) A method for reproducing a <u>data stream that has been recorded on an optical disc</u> recording medium having a data structure for managing random/shuffle reproduction of video data thereon, ~~comprising the steps of:~~ the method comprising:

reproducing, from a given directory area, at least one title management information file including at least one segment from the recording medium;

reproducing at least one playlist including at least one playitem from a playlist directory area on the recording medium different from the given directory area, the playlist being associated with the segment; and

reproducing at least one clip associated with the playlist from a stream directory area on the recording ~~medium, wherein:~~ medium;

<u>wherein</u> each playitem in the playlist is selected in random or shuffle mode; and at least a portion of the clip corresponding to the selected playitem is reproduced.

14. (Currently Amended) An apparatus for recording a data structure for managing random/shuffle reproduction of video data on ~~a~~ <u>an optical disc</u> recording medium, comprising:

a drive unit to drive an optical recording device that records data on the recording medium;

an encoder to encode the video data; and

a controller to control the drive to record the encoded video data on the recording

medium, wherein:

the controller controls the drive unit to record at least one title management information file on the recording medium, to record at least one playlist including at least one playitem in a playlist directory area on the recording medium in a given directory area, and to record at least one clip associated with the playlist in a stream directory area on the recording medium, such that

the title management information file includes at least one segment, the segment being associated with at least one playlist in the playlist directory area different from the given directory area, each playitem in the playlist being a unit to be randomized or shuffled during random/shuffle reproduction mode.

15. (Currently Amended) An apparatus for reproducing a data stream recorded on an optical disc recording medium having a data structure for managing random/shuffle reproduction of video data thereon, comprising:

a drive unit to drive an optical reproducing device that reproduces data recorded on the recording medium; and

a controller to control the drive to reproduce one title management information file including at least one segment from a given directory area of the recording medium, to reproduce a playlist associated with the segment and having at least one playitem from a playlist directory area on the recording medium different from the given directory area, to reproduce at least one clip associated with the playlist from a stream directory area on the recording medium; wherein:

each playitem in the playlist is selected in random or shuffle mode; and at least a portion of the clip corresponding to the selected playitem is reproduced.

16. (Previously Presented) A recording medium as set forth in claim 1, wherein the given directory area is a title directory area.

17. (Previously Presented) A method as set forth in claim 12, wherein the given directory area is a title directory area.

18. (Previously Presented) A method as set forth in claim 13, wherein the given directory area is a title directory area.

19. (Previously Presented) An apparatus as set forth in claim 14, wherein the given directory area is a title directory area.

20. (Previously Presented) An apparatus as set forth in claim 15, wherein the given directory area is a title directory area.

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